

IN THE CLAIMS:

1. (Cancel)
2. (Currently Amended) The assemblyAssembly according to claim 18,  
wherein the turbine comprises a first axial group of blades directed  
towards a first direction from the rotor and a second group of blades  
directed towards thean opposite axial direction from the rotor, with each  
group comprising at least 3 blades.
3. (Currently Amended) The assemblyAssembly according to claim 2,  
wherein each blade in the first group is arranged in coalignment with a  
blade in the second group.
4. (Currently Amended) The assemblyAssembly according to claim 3,  
wherein blades located in coalignment are directly mechanically connected  
to each other.
5. (Currently Amended) The assemblyAssembly according to claim 18,  
wherein each blade is stayed by stay means.
6. (Currently Amended) The assemblyAssembly according to claim 5,  
wherein the stay means comprises elements that connect blades to each  
other.

7. (Currently Amended) The AssemblyAssembly according to claim 6,  
wherein the stay means comprises an element directed radially inward  
from the respective blade, a radially innermost end of each element being  
connected to each other.
8. (Currently Amended) The assemblyAssembly according to claim 6,  
wherein the stay means comprises elements extending between each  
blade adjacent in the circumferential direction.
9. (Currently Amended) The AssemblyAssembly according to claim  
18, wherein each blade is connected to the rotor via a joint device.
10. (Currently Amended) The assemblyAssembly according to claim 18,  
wherein the rotor comprises permanent magnets.
11. (Currently Amended) The assemblyAssembly according to claim 18,  
wherein the stator is encapsulated in a waterproof house.
12. (Currently Amended) The assemblyAssembly according to claim 18,  
wherein the rotor is situated radially outside the stator and in the same  
axial plane as the stator.
13. (Currently Amended) The assemblyAssembly according to claim 18,  
wherein the stator is wound with a high-voltage cable provided with a  
core of conducting material, a first layer of semiconducting material  
surrounding the conducting material, a layer of insulating material

surrounding the first layer and a second layer of semiconducting material surrounding the insulating material.

14. (Currently Amended) The assemblyAssembly according to claim 18, wherein the stator of the generator is rotatable and connected to a turbine arranged to rotate the stator in the opposite direction to the rotor.

15. (Currently Amended) The assemblyAssembly according to claim 1, wherein the stator is wound for three-phase.

16. (Canceled)

17. (Currently Amended) A method of generating electric current which comprises the steps of:

providing an assembly comprising a ~~water~~ turbine and a rotary electrical generator which includes a rotor and which defines an imaginary axis therethrough, and a turbine which is axially offset from said generator along said imaginary axis and which, the rotor of which is connected to the turbine, which turbine comprises at least three axially-directed blades, wherein each blade is being individually directly connected to the rotor of the generator, and

placing said assembly in an underwater current.

18. (New) An assembly which comprises:

a rotary electrical generator which defines an imaginary axis

therethrough and which includes a rotor, and

a turbine which is spaced from the generator along said imaginary axis and which includes at least three axially-extending blades, each of said at least three blades being directly connected to said rotor.